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## Advanced Thermal Energy Storage Technologies

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Deadline for manuscript  
submissions:

**31 July 2024**

### Message from the Guest Editor

Dear Colleagues,

I was invited to act as Guest Editor of this Special Issue about thermal energy storage in energy systems. The Issue is focused on both component characterization and system integration of TES. Analytical, numerical, and experimental methodologies—mainly for medium- and high-temperature storage—can be proposed. Novel storage technologies, sizing, renewable energy integration, storage materials, heat transfer enhancement in storage devices, and cost/performance optimization are the main topics of the Issue.

Prof. Dr. Francesco Fornarelli  
*Guest Editor*



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# Special Issue



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## Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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